Appl. No. 10/018,702

Amdt. After Allowance Dated May 18, 2004

Reply to Notice of Allowance of February 18, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:** 

1. (Previously Amended) A Method in connection with a reel-up of a paper web provided with a

rotating

reel spool (2) around which a reel (R) has been formed from the paper web (W) passed to the reel-up,

wherein in the method the web (W) passed to the reel is cut, and the surface layers of the reel are

bound by means of a press device (3) which is in contact with the surface of the rotating reel (R) and

comprises a press member (3b) forming a nip with the peripheral surface of the reel and rotating

substantially at the same surface speed therewith, wherein in addition to using the press member

(3b), the final end, i.e. tail (H) of the web that travels along with the rotating motion of the reel, is

guided against the peripheral surface of the reel (R) by means of a guiding member (3a), which is

located within a distance from the press member (3b) in the direction of the perimeter of the reel

before the press member (3b) in the direction of rotation of the reel and whose surface that is located

opposite to the reel has a lower speed in the direction of motion of the peripheral surface of the reel

(R) than the peripheral surface of the reel (R) and the guiding member (3a) is located under the

angular distance of 30° from the press member.

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2. (Previously Presented) The method according to claim 1, wherein the guiding member

(3a) is a static member whose surface that is in contact with the tail (H) and/or the

peripheral surface of the reel (R) is stationary.

3. (Previously Presented) The method according to claim 1, wherein the guiding member (3a) is a

rotating guiding member.

4. (Previously Presented) The method according to claim 1, wherein the surface of the guiding

member (3a) that is in contact with the tail (H) and/or the peripheral surface of the reel (R) is elastic.

5. (Previously Amended) The method according to claim 4, wherein the guiding member (3a)

comprises at least one flexible members in contact with the tail (H) and/or the peripheral surface of

the reel (R).

6. (Previously Presented) The method according to claim 5, wherein the guiding member (3a)

comprises bristles, which are in contact with the tail (H) and/or the peripheral surface of the reel (R).

7. (Cancelled)

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8. (Previously Amended) A device in connection with a reel-up of a paper web, comprising a

rotating reel spool (2) and around the same a reel (R) formed from the paper web (W) passed to the

reel-up, wherein the device can be arranged in contact with the surface of the rotating reel (R)

comprising a press member (3b) forming a nip with the peripheral surface of the reel and rotating

substantially at the same surface speed therewith, wherein in addition to the press member (3b), the

device comprises a guiding member (3a), separate from the press member (3b), which can be

transferred in the operating position adjacent to the peripheral surface of the reel or in contact with

the same to guide the final free end of the web, i.e. a tail (H) moving along with the rotating motion

of the reel, against the peripheral surface of the reel (R), wherein the guiding member (3a) is in the

operating position within a distance from the press member (3b) in the direction of the perimeter of

the reel and is in contact with the tail (H) and/or with the peripheral surface of the reel (R) before

the press member (3b) in the direction of rotation of the reel and the surface of the guiding member

(3a) that is located opposite to the reel is arranged to have a lower speed in the direction of motion

of the peripheral surface of the reel (R) than the peripheral surface of the reel (R) and the guiding

member 3(a) is located under the angular distance of 30° from the press member.

9. (Previously Presented) The device according to claim 8, wherein the guiding member (3a) is a

static member whose surface that is in contact with the tail (H) and/or the peripheral surface of the

reel (R) is stationary.

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10. (Previously Presented) The device according to claim 8, wherein the guiding member (3a) is

arranged rotatable in its operating position.

11. (Previously Presented) The device according to any of the foregoing claims 8 to 10, wherein

the guiding member (3a) has an elastic surface which can be arranged in contact with the tail (H)

and/or the peripheral surface of the reel (R).

12. (Previously Amended) The device according to claim 11, wherein the guiding member (3a)

comprises at least one flexible members, which can be arranged in contact with the tail (H) and/or

the peripheral surface of the reel (R).

13. (Previously Presented) The device according to claim 12, wherein the guiding member (3a)

comprises bristles, which can be arranged in contact with the tail (H) and/or the peripheral surface

of the reel (R).

14. (Previously Amended) The device according to claim 8, wherein the guiding member (3a) is in

contact with the tail (H) and/or with the peripheral surface of the reel (R) is under the angular

distance of 30° from the press member (3b).

15. (Previously Presented) The device according to claim 8, wherein the guiding member (3a) and

the press member (3b) are fixed to a common frame (3c) which can be transferred to the operating position in connection with the reel (R).

16. (Previously Presented) The device according to claim 15, wherein the position of the guiding member (3a) with respect to the frame (3c) is adjustable.

17. (Previously Amended) A method in connection with a reel-up of a paper web, comprising the steps of:

rotating a reel spool (2) around which a reel has been formed from the paper web (W) passed to the reel-up;

cutting the web (W) passed to the reel;

bounding a surface layer of the reel by means of a press device(3) having a press roll (3b), said press device (3) is in contact with the surface of the rotating reel;

forming a nip with the peripheral surface of the reel by loading the press roll proximate with the surface of the reel and rotating the press roll substantially at the same surface speed as the reel;

guiding a final tail end (H) of the web, that travels along with the rotating motion of the reel, against the peripheral surface of the reel by means of a guiding member (3a), said guiding member (3a) arranged in a distance from the press member (3b) in the direction of the perimeter of the reel, said guiding member surface in the direction of the peripheral surface of the reel, arranged opposite to the reel, having a lower speed than a surface speed of the reel and being located before the press

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member (3b) in the direction of rotation of the reel at an angular distance of less than 30°.

18. (Previously Presented) The method according to claim 17, wherein the guiding member (3a) is

a static member, said surface of said guiding member is arranged proximate to the tail (H) and/or the

peripheral surface of the reel (R) is stationary.

19. (Previously Presented) The method according to claim 17, wherein the guiding member (3a) is

a rotating guiding member.

20. (Previously Presented) The method according to claim 17, wherein the surface of the guiding

member (3a) that is arranged proximate to the tail (H) and/or the peripheral surface of the reel (R)

is elastic.

21. (Previously Presented) The method according to claim 20, wherein the guiding member (3a) has

at least one flexible members arranged proximate to the tail (H) and/or the peripheral surface of the

reel (R).

22. (Currently Amended) The method according to claim 21, wherein the guiding member (3a) has

a plurality of bristles, said bristles are arranged proximate to the tail (H) and/or the peripheral surface

of the reel ®) (R).

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23. (Cancelled)